

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Beaman et al.

Application No.: 10/646,673

Confirmation No.: 1020

Filed: August 21, 2003

Art Unit: 1762

For: METHODS AND APPARATUS FOR
PROCESSING MICROFEATURE
WORKPIECES; METHODS FOR
CONDITIONING ALD REACTION
CHAMBERS

Examiner: D. P. Turocy

INFORMATION DISCLOSURE STATEMENT (IDS)

MS RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement, pursuant to 37 CFR 1.114(c), accompanies the Request for Continued Examination (37 CFR 1.114) submitted herewith.

In accordance with 37 CFR 1.98(a)(2)(ii), Applicants have not submitted a copy of the cited U.S. patents and U.S. patent applications. Applicants submit herewith a copy of the cited foreign patents, in accordance with 37 CFR 1.98(a)(2).

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information that may be material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 108298715US.

Dated: August 7, 2007

Respectfully submitted,

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Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/646,873-Conf. #1020	
			Filing Date	August 21, 2003	
			First Named Inventor	Kevin L. Beaman	
			Art Unit	1762	
			Examiner Name	D. P. Turocy	
Sheet	1	of	1	Attorney Docket Number	108298715US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	*	US-4,436,674	03-13-1984	McMenamin	
	*	US-5,453,124	09-26-1995	Moslehi et al.	
	*	US-5,496,410	03-05-1996	Fukuda et al.	
	*	US-5,589,110	12-31-1996	Motoda et al.	
	*	US-5,716,796	02-10-1998	Bull et al.	
	*	US-5,958,140	09-28-1999	Arami et al.	
	*	US-5,998,932	12-07-1999	Lenz	
	*	US-6,039,557	03-21-2000	Unger et al.	
	*	US-6,090,210	07-18-2000	Ballance et al.	
	*	US-6,183,563	02-06-2001	Choi et al.	
	*	US-6,264,788	07-24-2001	Tomoyasu et al.	
	*	US-6,800,139	10-05-2004	Shinriki et al.	
	*	US-20040226516	11-18-2004	Daniel et al.	
	*	US-6,861,356	03-01-2005	Matsuse et al.	
	*	US-20050087132	04-28-2005	Dickey et al.	
	*	US-6,966,936	11-22-2005	Yamasaki et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
		JP-6054443-A		02-25-1994	Fujitsu KK		
		JP-62235728-A		10-15-1987	NEC Corp.		
		JP-62263629-A		11-16-1987	Hitachi Ltd		
		JP-63234198-A		09-29-1988	Toshiba KK		
		KR-2005112371-A		11-30-2005	Samsung Electronics Co. Ltd.		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ CITE NO.: Those application(s) which are marked with an single asterisk () next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IPW. ² Applicant's unique citation designation number (optional). ³ See Kinda Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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